

CLAIMS:

1. A method of manufacturing a circular optical storage disc (10) having a substrate (11) with a first surface (12) and a periphery (13), wherein the first surface (12) is provided with a coating (15) by applying a liquid, rotating the substrate, and solidifying the liquid,

5 characterized in that:

when applying the liquid onto the first surface (12), the substrate (11) is present in a separate extension body (21, 31, 41)

having substantially circumferentially contact with the periphery (13) of the substrate (11) and

10 having a surface (22) substantially flush with the first surface (12) of the substrate (11), and

- after at least partial solidification of the liquid, the extension body (21, 31, 41) and the substrate (11) are separated.

15 2. A method as claimed in claim 1, characterized in that said extension body (21) has an outer periphery (23) which has a circular shape.

3. A method as claimed in claim 1, characterized in that said extension body (31) has an outer periphery (33) which has a polygonal shape.

20

4. A method as claimed in claim 3, characterized in that said extension body (31) has an outer periphery (33) which has a regular polygonal shape.

5. A method as claimed in claim 1, ~~2 or 3~~ characterized in that the surface (22, 32, 42) of the extension body (21, 31, 41) consists of substantially the same material as the substrate (11) of the optical storage disc (10).

25

6. A method as claimed in claim 1, ~~2 or 3~~ characterized in that the surface (22, 32, 42) of the extension body (21, 31, 41) consists of a material to which the coating (15) adheres relatively poorly.

5 7. A method as claimed in claim 1, characterized in that said extension body (41) is composed of at least two parts (41a) with surfaces (42a) substantially flush with the first surface (12) of the substrate (11).

8. A method as claimed in claim 1, characterized in that the liquid is solidified by exposure to UV light.

9. A circular optical disc (10) manufactured by the method as claimed in claim 1 characterized in that the substrate (11) is substantially free from optical birefringence in a few mm broad peripheral zone.

add
p27